

INTERNATIONAL SEARCH REPORT

Intern. application No

PCT/US 03/19327

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F27B17/02 A61K6/00 F27B5/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F27B A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 252 202 B1 (ZYCHEK GEORGE N) 26 June 2001 (2001-06-26) figures claims ---	1-14
A	DE 43 03 458 C (HINTERBERGER DR KARL) 27 January 1994 (1994-01-27) figures claims ---	1-14
A	DE 43 02 570 C (KOZMACS OTTO) 24 March 1994 (1994-03-24) figures claims --- -/-	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

20 October 2003

Date of mailing of the international search report

30/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 079 730 A (DOCX ALBERT GEORGE) 25 May 1983 (1983-05-25) figures claims ----	1-14
A	US 6 157 004 A (BIZZIO NICKOLAS) 5 December 2000 (2000-12-05) cited in the application figures claims ----	1-14
A	GB 1 585 458 A (DOCX AG) 4 March 1981 (1981-03-04) figures claims ----	1-14
A	US 3 952 408 A (DOCX ALBERT GEORGE) 27 April 1976 (1976-04-27) figures 2-6 claims -----	1-14

INTERNATIONAL SEARCH REPORT

information on patent family members

Internat Application No
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US 6157004	A	05-12-2000	NONE
GB 1585458	A	04-03-1981	DE 2718596 A1 10-11-1977 FR 2361615 A1 10-03-1978 JP 52138736 A 19-11-1977 US 4272670 A 09-06-1981
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